

tabase error bound	Growing database error bound
IDB [BLR08])	(Our result)
$\frac{\log \mathcal{F}  + \log\left(1/\beta\right)}{\epsilon n} \int^{1/3}$	$\alpha = C \left( \frac{\log N \log  \mathcal{F}  \log (1/\beta)}{\epsilon n} \right)^{1/5}$

ase ERM error bound	Growing database ERM error bound
[BST14])	(Our result)
$\frac{\log^2 t/\delta \log(1/\beta)}{\epsilon t} \int_{-\infty}^{1/3} t$	$\alpha_t = C \left( \frac{d\sqrt{\log 1/\delta} \log(1/\beta)}{\sqrt{p} \epsilon t^{1/2-p}} \right)^{1/5}$
es to a single time t	Applies to all times $t \ge n$